

## Section 3-2: One-Step Equations

**By the end of this lesson, you should be able to answer:**

- How do you solve one-step equations?
- How do you solve formulas for a given variable?

**Where you might see this in the real world:**

- Physics, packaging, finance

Define the following terms:

1. Addition Property of Equality

2. Multiplication Property of Equality

Example 1: Solve the equation and check the solution.

a.  $x + \frac{3}{4} = 7$

b.  $x - 3 = 12$

c.  $16f = 80$

d.  $\frac{t}{6} = 8$

\*\*\*General Rule for solving one-step equations:

Problem Set:

*"If you have made mistakes, even serious ones, there is always another chance for you. What we call failure is not the falling down but the staying down." - Mary Pickford*